

GRIN-Global Coded Descriptors



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Refer to the online guide **Observations and Descriptors** at https://www.grin-global.org/docs/gg_observations_and_descriptors.docx for details on creating and using characterization descriptors. This document contains examples from NPGS, showing descriptors (traits) which use coded values and shows how they display when viewed in the Lookup Picker.

The **Observations and Descriptors** guide also explains English and ENG languages. Briefly, the English versions displays the code title, whereas ENG displays the trait code.

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Examples

WHEAT (HABIT)

English Version

Orders	Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
Crop Trait Observation ID	Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
2207025	Ctr 4816	Ctr 4816 TR981...	WHEAT	Growth Habit	WINTER TYPE ...	W-S	
2207029	Ctr 4959	Ctr 4959 TR981...	WHEAT	Growth Habit	WINTER	W	
					FACULTATIVE	F	
					WINTER	W	
					WINTER	W	
					SPRING	S	
					SPRING	S	
					SPRING	S	
					WINTER	W	
					WINTER	W	
					WINTER	W	
					SPRING	S	
					SPRING	S	
					SPRING	S	
2206174	F1434103	F1434103	WHEAT	Growth Habit			
2001			WHEAT	Growth Habit			

Eng Version

rs	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
ctr 4816	Ctr 4816 TR981...	WHEAT	HABIT	W-S	W-S	
ctr 4959	Ctr 4959 TR981...	WHEAT	HABIT	W	W	
				F	F	
				W	W	
				W	W	
				S	S	
				S	S	
				S	S	
				W	W	
				W	W	
				W	W	
				W	W	
				S	S	
				W	W	
				S	S	
				S	S	
		WHEAT	HABIT			

Inventory	Orders	Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation	
	Crop Trait Code ID	Crop	Trait Name	Crop Trait	Trait Description	Trait Code	Code Title		Code Des
▶	1	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	F	FACULTATIVE		FACULTA
	2	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	F-S	FACULTATIVE TYPE MIXED WITH SOME SPRING TYPES		FACULTA
	3	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	F-W	FACULTATIVE TYPE MIXED WITH SOME WINTER TYPES		FACULTA
	4	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	S	SPRING		SPRING
	5	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	S-F	SPRING TYPE MIXED WITH SOME FACULTATIVE TYPES		SPRING T
	6	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	S-W	SPRING TYPE MIXED WITH SOME WINTER TYPES		SPRING T
	7	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	W	WINTER		WINTER
	8	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	W-F	WINTER TYPE MIXED WITH SOME FACULTATIVE TYPES		WINTER
	9	WHEAT	HABIT	Growth Habit	Growth habit, based on a spring	W-S	WINTER TYPE MIXED WITH SOME SPRING TYPES		WINTER

WHEAT (AWN-COLOR)

Inventory	Orders	Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Tra
	Crop Trait Code ID	Crop	Trait Name	Crop Trait	Trait Description	Trait Code	Code Title	
	179	WHEAT	APHID	Aphid	Reaction to aphids.	7	7 (1 = RESISTANT, 9 = SUSCEPTIBLE)	
	180	WHEAT	APHID	Aphid	Reaction to aphids.	8	8 (1 = RESISTANT, 9 = SUSCEPTIBLE)	
	173	WHEAT	APHID	Aphid	Reaction to aphids.	9	SUSCEPTIBLE	
	72	WHEAT	AWN...	Awn Color	Color of the awns.	1	BLACK	
	73	WHEAT	AWN...	Awn Color	Color of the awns.	1A	BLACK AND WHITE	
	74	WHEAT	AWN...	Awn Color	Color of the awns.	1B	BLACK AND BROWN	
	75	WHEAT	AWN...	Awn Color	Color of the awns.	2	BLUE	
	76	WHEAT	AWN...	Awn Color	Color of the awns.	3	BROWN	
	77	WHEAT	AWN...	Awn Color	Color of the awns.	3A	BROWN AND WHITE	
	78	WHEAT	AWN...	Awn Color	Color of the awns.	4	GREY	
	79	WHEAT	AWN...	Awn Color	Color of the awns.	5	PURPLE	
	80	WHEAT	AWN...	Awn Color	Color of the awns.	6	RED	
	81	WHEAT	AWN...	Awn Color	Color of the awns.	7	TAN	
	82	WHEAT	AWN...	Awn Color	Color of the awns.	8	WHITE/AMBER	
	83	WHEAT	AWN...	Awn Color	Color of the awns.	9	YELLOW	
	84	WHEAT	AWN...	Awn Color	Color of the awns.	MIX	ROW MIXED FOR COLOR	
	85	WHEAT	AWN...	Awn Type	Type and extent of the awns.	1	AWNED	

operators Get Crop Get Crop Trait Get Crop Trait Code Get Crop Trait Lang Get Crop Trait Code Lang **Get Crop Trait Observation**

Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
Citr 4816	Citr 4816 TR98I...	WHEAT	Growth Habit	WINTER TYPE ...	W-S	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	FACULTATIVE	F	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	SPRING	S	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	SPRING	S	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	SPRING	S	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	SPRING	S	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	WINTER	W	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	SPRING	S	
Citr 4959	Citr 4959 TR98I...	WHEAT	Growth Habit	SPRING	S	

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

BLACK
BLACK AND BROWN
BLACK AND WHITE
BLUE
BROWN
BROWN AND WHITE
GREY
PURPLE
RED
ROW MIXED FOR COLOR
TAN
WHITE/AMBER
YELLOW

Show Only Choices
Valid For This:
☒ crop_trait_id

Refresh List OK Cancel

WHEAT Awn Color

WHEAT (HESSIAN FLY)

English Version

Accession | Inventory | Crop | Crop Trait | Coded Value | Trait Code | Numeric Value

Get Crop | Get Crop Trait | Get Crop Trait Code | Get Crop Trait Lang | Get Crop Trait Code Lang | **Get Crop Trait Observation**

Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
Ctr 4816	Ctr 4816 TR981...	WHEAT	Growth Habit	WINTER TYPE ...	W-S	
				WINTER	W	
				FACULTATIVE	F	
				WINTER	W	
				WINTER	W	
				SPRING	S	
				SPRING	S	
				SPRING	S	
				WINTER	W	
				WINTER	W	
				WINTER	W	
				WINTER	W	
				SPRING	S	
				WINTER	W	
				SPRING	S	
PI 494103	PI 494103 **	WHEAT	Growth Habit	SPRING	S	
		WHEAT	Hessian Fly			

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

2 (1 = RESISTANT, 9 = SUSCEPTIBLE) Show Only Choices Valid For This: ☒ crop_trait_id

3 (1 = RESISTANT, 9 = SUSCEPTIBLE)

4 (1 = RESISTANT, 9 = SUSCEPTIBLE)

5 (1 = RESISTANT, 9 = SUSCEPTIBLE)

6 (1 = RESISTANT, 9 = SUSCEPTIBLE)

7 (1 = RESISTANT, 9 = SUSCEPTIBLE)

8 (1 = RESISTANT, 9 = SUSCEPTIBLE)

RESISTANT (0-5% S)

SUSCEPTIBLE (81-100% S)

Refresh List OK Cancel

Eng Version

Accession | Inventory | Crop | Crop Trait | Coded Value | Trait Code | Numeric Value

Get Crop | Get Crop Trait | Get Crop Trait Code | Get Crop Trait Lang | Get Crop Trait Code Lang | **Get Crop Trait Observation**

Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
Ctr 4816	Ctr 4816 TR981...	WHEAT	HABIT	W-S	W-S	
Ctr 4959	Ctr 4959 TR981...	WHEAT	HABIT	W	W	
				F	F	
				W	W	
				W	W	
				S	S	
				S	S	
				S	S	
				W	W	
				W	W	
				W	W	
				W	W	
				S	S	
				W	W	
				S	S	
				S	S	
PI 494103	PI 494103	WHEAT	HABIT	S	S	
		WHEAT	HESSIANFLY			

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

1 Show Only Choices Valid For This: ☒ crop_trait_id

2

3

4

5

6

7

8

9

Refresh List OK Cancel

Crop	Trait Name	Crop Trait	Trait Description	Trait Code	Code Title	Code
WHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	1	RESISTANT (0-5% S)	RES
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	2	2 (1 = RESISTANT, 9 = SUSCEPTIBLE 6-10% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	3	3 (1 = RESISTANT, 9 = SUSCEPTIBLE 11-15% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	4	4 (1 = RESISTANT, 9 = SUSCEPTIBLE 16-30% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	5	5 (1 = RESISTANT, 9 = SUSCEPTIBLE 31-45% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	6	6 (1 = RESISTANT, 9 = SUSCEPTIBLE 46-60% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	7	7 (1 = RESISTANT, 9 = SUSCEPTIBLE 61-70% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	8	8 (1 = RESISTANT, 9 = SUSCEPTIBLE 71-80% S)	(1 =
NHEAT	HESS...	Hessian Fly	Reaction to Hessian fly	9	SUSCEPTIBLE (81-100% S)	SUS

MAIZE (NORTHERN LEAF BLIGHT)

operators | Get Crop | Get Crop Trait | Get Crop Trait Code | Get Crop Trait Lang | Get Crop Trait Code Lang | Get Crop Trait Observation

Inventory | Crop | Crop Trait | Coded Value | Trait Code | Nl Va

MAIZE | NORTHERN LEAF BLIGHT

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

0 No symptoms
1 Resistance excellent
2 Resistance high
3 Resistance indicated
4 Response above average
5 Response average
6 Response below average
7 Susceptibility average
8 Susceptibility high
9 Susceptibility highest

Show Only Choices
Valid For This:
☒ crop_trait_id

Refresh List OK Cancel

Crop Trait	Trait Description	Trait Code	Code Title	Code Description
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	0	0 No symptoms	No symptoms observed
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	1	1 Resistance excellent	Very few lesions; little or no sporulation.
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	2	2 Resistance high	2 on a scale 0 = No symptoms observed, 9 = Severe disease development
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	3	3 Resistance indicated	Occasional lesions; sporulation slight.
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	4	4 Response above average	4 on a scale 0 = No symptoms observed, 9 = Severe disease development
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	5	5 Response average	Many lesions; abundant sporulation.
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	6	6 Response below average	6 on a scale 0 = No symptoms observed, 9 = Severe disease development
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	7	7 Susceptibility average	7 on a scale 0 = No symptoms observed, 9 = Severe disease development
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	8	8 Susceptibility high	8 on a scale 0 = No symptoms observed, 9 = Severe disease development
NORTHERN LEAF BLIGHT	Leaf response to northern leaf blight organism (Exserhium	9	9 Susceptibility highest	Severe disease development; plants often dead.

MAIZE (NORTHERN LEAF BLIGHT RACE O)

Operators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
in	Inventory	Crop	Crop Trait	Coded Value	Trait Code	
		MAIZE	NORTHERN LEAF BLIGHT RACE O			

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

(0) NO SYMPTOMS OBSERVED
(1) VERY FEW LESIONS; LITTLE OR NO SPORULATION
(2) (0 = NO SYMPTOMS OBSERVED, 9 = SEVERE DISEASE DEVELOPMENT)
(3) OCCASIONAL LESIONS; SPORULATION SLIGHT.
(4) (0 = NO SYMPTOMS OBSERVED, 9 = SEVERE DISEASE DEVELOPMENT)
(5) MANY LESIONS; ABUNDANT SPORULATION.
(6) (0 = NO SYMPTOMS OBSERVED, 9 = SEVERE DISEASE DEVELOPMENT)
(7) (0 = NO SYMPTOMS OBSERVED, 9 = SEVERE DISEASE DEVELOPMENT)
(8) (0 = NO SYMPTOMS OBSERVED, 9 = SEVERE DISEASE DEVELOPMENT)
(9) SEVERE DISEASE DEVELOPMENT, PLANTS OFTEN DEAD

Show Only Choices
Valid For This:
☒ crop_trait_id

Refresh List
OK
Cancel

Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation	
Crop Trait	Trait Description	Trait Code	Code Title			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	0	(0) NO SYMPTOMS OBSERVED			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	1	(1) VERY FEW LESIONS; LITTLE OR NO SPO...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	2	(2) (0 = NO SYMPTOMS OBSERVED, 9 = SEV...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	3	(3) OCCASIONAL LESIONS; SPORULATION S...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	4	(4) (0 = NO SYMPTOMS OBSERVED, 9 = SEV...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	5	(5) MANY LESIONS; ABUNDANT SPORULATI...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	6	(6) (0 = NO SYMPTOMS OBSERVED, 9 = SEV...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	7	(7) (0 = NO SYMPTOMS OBSERVED, 9 = SEV...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	8	(8) (0 = NO SYMPTOMS OBSERVED, 9 = SEV...			
NORTHERN LEAF BLIGHT RACE O	Leaf response to northern leaf	9	(9) SEVERE DISEASE DEVELOPMENT, PLAN...			

MAIZE (VIGOR)

operators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
on	Inventory	Crop	Crop Trait	Coded Value	Trait Code	
		MAIZE	PLANT VIGOR			

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

2 (1 = GOOD, 9 = POOR)
3 (1 = GOOD, 9 = POOR)
4 (1 = GOOD, 9 = POOR)
5 (1 = GOOD, 9 = POOR)
6 (1 = GOOD, 9 = POOR)
7 (1 = GOOD, 9 = POOR)
8 (1 = GOOD, 9 = POOR)
GOOD
POOR

Show Only Choices
Valid For This:
☒ crop_trait_id

Refresh List
OK
Cancel

Copy	Orders	Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
Crop	Trait Name	Crop Trait	Trait Description	Trait Code	Code Title	Code Description		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	1	GOOD	GOOD		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	2	2 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	3	3 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	4	4 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	5	5 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	6	6 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	7	7 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	8	8 (1 = GOOD, 9 = POOR)	(1 = GOOD, 9 = POOR)		
MAIZE	PLANT-VIGOR	PLANT VIGOR	VISUAL RATING OF PLANT VIGOR	9	POOR	POOR		

BACTERIAL STEM ROT (SWEET POTATO)

Crop	Trait Name	Crop Trait	Trait Description	Trait Code	Code Title
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	1	Immune
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	2	Resistant (hypersensitive)
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	3	Resistant (high tolerance)
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	4	4 (1 = Immune, 9 = Lethal)
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	5	Resistant (moderate tolerance)
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	6	6 (1 = Immune, 9 = Lethal)
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	7	Susceptible
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	8	8 (1 = Immune, 9 = Lethal)
SWE...	BACSTEMROT	Bacterial Stem Rot	Resistance to Bacterial Stem	9	Lethal

English Version

Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
5662	PI 566662 01 IV	SWEETPOTATO	Vine Internode L...	VERY SHORT (...)	1	
5663	PI 566663 01 IV	SWEETPOTATO	Plant T...	COMPACT	3	
				PURPLE	7	
				GREEN	3	
				MEDIUM (8-15cm)	5	
				SLIGHT	3	
				DEEP	7	
				SMALL (< 8cm)	3	
				GREEN	3	
				GREEN	3	
				SPREADING	7	
				SHORT (3-5cm)	3	
				EXTREMELY SP...	9	
				INTERMEDIATE...	5	
				MODERATELY ...	5	
1134	PI 531134 01 IV	SWEETPOTATO	Mature Leaf Color	PURPLE-GREEN	4	
		SWEETPOTATO	Bacterial Stem Rot			

ENG Version

Accession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
556936	PI 556936 01 IV	SWEETPOTATO	FLOWERCOL	4	4	
556937	PI 556937 01 IV	SWEETPOTATO	FLOWERCOL	4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
				4	4	
		SWEETPOTATO	BACSTEMROT			

CHROMOSOME COUNT (SWEET POTATO)

Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
ession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
6662	PI 566662 01 IV	SWEETPOTATO	Vine Internode L...	VERY SHORT (...	1	
6662	PI 566662 01 IV	SWEETPOTATO	Plant Type	COMPACT	3	
6662	PI 566662 01 IV	SWEETPOTATO	Leaf Color	PURPLE	7	
				GREEN	3	
				MEDIUM (8-15cm)	5	
				SLIGHT	3	
				DEEP	7	
				SMALL (< 8cm)	3	
				GREEN	3	
				GREEN	3	
				SPREADING	7	
				SHORT (3-5cm)	3	
				EXTREMELY SP...	9	
				INTERMEDIATE...	5	
				MODERATELY ...	5	
				PURPLE-GREEN	4	
		SWEETPOTATO	Chromosome Count			

rd  Viability Wizard

Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observati
Trait Name	Crop Trait	Trait Description	Trait Code	Code Title	Code Description	
CHROMOSOME	Chromosome Count	Chromosome count.	1	DIPLOID	DIPLOID	
CHROMOSOME	Chromosome Count	Chromosome count.	2	TRIPLOID	TRIPLOID	
CHROMOSOME	Chromosome Count	Chromosome count.	3	TETRAPLOID	TETRAPLOID	
CHROMOSOME	Chromosome Count	Chromosome count.	4	HEXAPLOID	HEXAPLOID	
CHROMOSOME	Chromosome Count	Chromosome count.	5	OTHER	OTHER	

FLOWERCOLOR (SWEET POTATO)

Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observation
ession	Inventory	Crop	Crop Trait	Coded Value	Trait Code	Numeric Value
6662	PI 566662 01 IV	SWEETPOTATO	Vine Internode L...	VERY SHORT (...	1	
6662	PI 566662 01 IV	SWEETPOTATO	Plant Type	COMPACT	3	
6662	PI 566662 01 IV	SWEETPOTATO		PURPLE	7	
				GREEN	3	
				MEDIUM (8-15cm)	5	
				SLIGHT	3	
				DEEP	7	
				SMALL (< 8cm)	3	
				GREEN	3	
				GREEN	3	
				SPREADING	7	
				SHORT (3-5cm)	3	
				EXTREMELY SP...	9	
				INTERMEDIATE...	5	
				MODERATELY ...	5	
				PURPLE-GREEN	4	

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

OTHER

PALE PURPLE LIMB WITH PURPLE THROAT

PURPLE

WHITE

WHITE LIMB WITH PALE PURPLE RIM

WHITE LIMB WITH PURPLE THROAT

Show Only Choices

Valid For This:

☒ crop_trait_id

Refresh List

OK

Cancel

		SWEETPOTATO	Flower Color			
--	--	-------------	--------------	--	--	--

Lookup Picker v1.9.6.43

HINT: For big lists, use the text filter to shorten the list search.

Filter ->

OTHER
PALE PURPLE LIMB WITH PURPLE THROAT
PURPLE
WHITE
WHITE LIMB WITH PALE PURPLE RING
WHITE LIMB WITH PURPLE THROAT

Show Only Choices
Valid For This:
☒ crop_trait_id

Refresh List OK Cancel

ions	Inventory	Orders	Cooperators	Get Crop	Get Crop Trait	Get Crop Trait Code	Get Crop Trait Lang	Get Crop Trait Code Lang	Get Crop Trait Observ
Crop Trait Code ID	Crop	Trait Name		Crop Trait	Trait Description	Trait Code	Code Title		Code Desc
6956	SWEETPOTATO	FLOWERCOL		Flower Color	Flower color taken at growth stages 5-7	1	WHITE		WHITE
6957	SWEETPOTATO	FLOWERCOL		Flower Color	Flower color taken at growth stages 5-7	2	WHITE LIMB WITH PURPLE ...		WHITE LIMB WITH PURPLE ...
6958	SWEETPOTATO	FLOWERCOL		Flower Color	Flower color taken at growth stages 5-7	3	WHITE LIMB WITH PALE PU...		WHITE LIMB WITH PALE PU...
6959	SWEETPOTATO	FLOWERCOL		Flower Color	Flower color taken at growth stages 5-7	4	PALE PURPLE LIMB WITH P...		PALE PURPLE LIMB WITH P...
6960	SWEETPOTATO	FLOWERCOL		Flower Color	Flower color taken at growth stages 5-7	5	PURPLE		PURPLE
6961	SWEETPOTATO	FLOWERCOL		Flower Color	Flower color taken at growth stages 5-7	6	OTHER		OTHER

Developing Crop Descriptor Lists

Bioversity Technical Bulletin #13

<http://www.bioversityinternational.org/e-library/publications/detail/developing-crop-descriptor-lists/>

Page 26:

Example #25

(A full scale)

Length of peduncle

1	Very short	(<3 cm)
2	Very short to short	(3-5 cm)
3	Short	(6-8 cm)
4	Short to intermediate	(9-10 cm)
5	Intermediate	(11-13 cm)
6	Intermediate to long	(11-13 cm)
7	Long	(14-16 cm)
8	Long to very long	(17-19 cm)
9	Very long	(>19 cm)

Example #26

(A reduced scale)

Length of peduncle

1	Very short	(<3 cm)
3	Short	(6-8 cm)
5	Intermediate	(11-13 cm)
7	Long	(14-16 cm)
9	Very long	(>19 cm)
