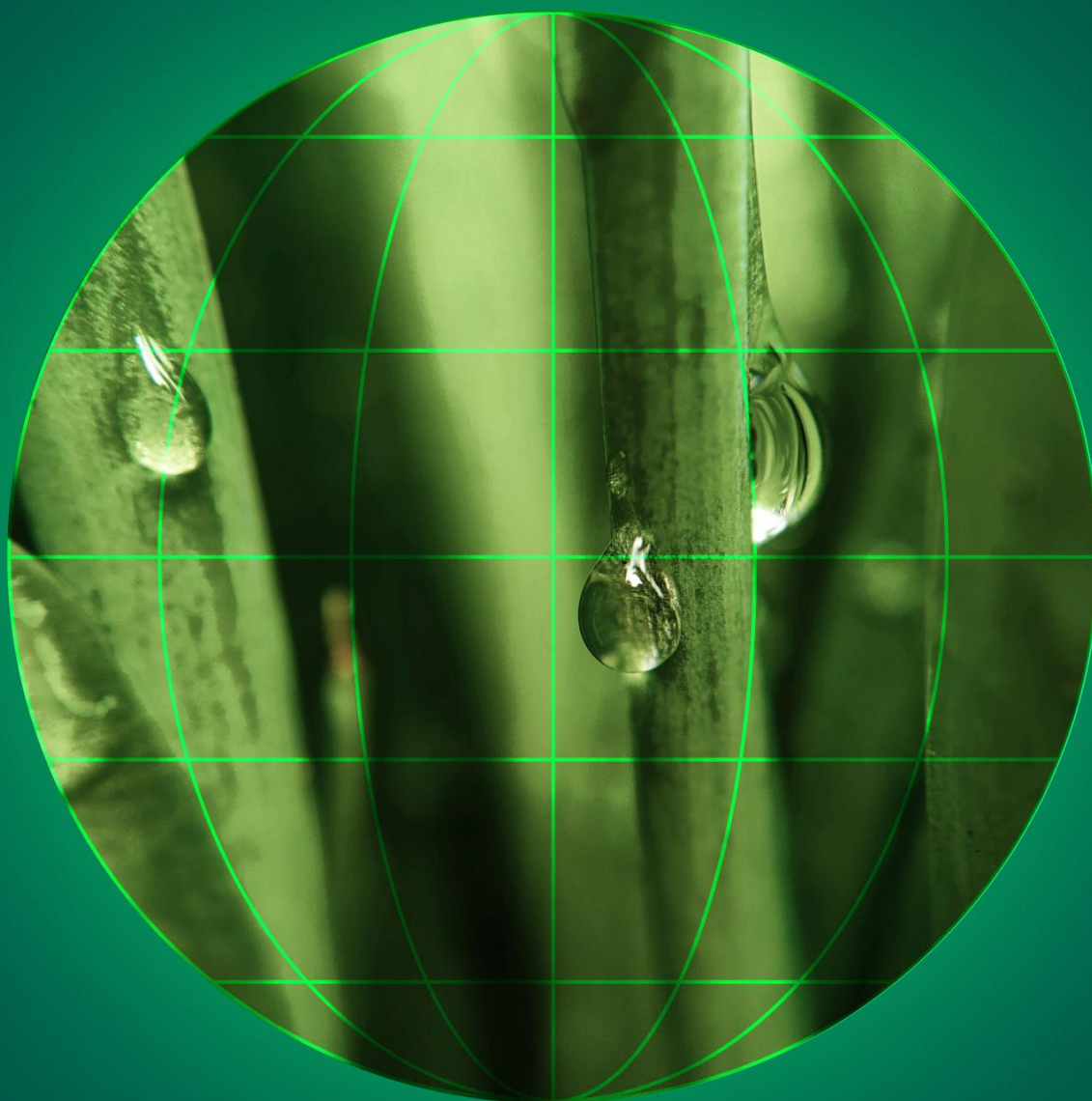


IrriWatch

Appendix B: Field Inputs



Version 11

January 2026

Field Input Information

Crop types in IrriWatch

Number of crops: 161

Code	Crop class	Crop type
1	Cereals	Wheat
3001	Cereals	Dryland Wheat
2	Cereals	Corn
3	Cereals	Sweet Corn
4	Cereals	Barley
5	Cereals	Rice
6	Cereals	Sorghum
7	Cereals	Millet
8	Cereals	Oats
9	Cereals	Flax
10	Cereals	Teff
11	Cereals	Ryegrass
12	Cereals	Triticale
13	Cereals	Rye
100	Roots/Tuber	Sugarbeet
101	Roots/Tuber	Potato
102	Roots/Tuber	Sweet Potato
103	Roots/Tuber	Cassave
104	Roots/Tuber	Ginger
105	Roots/Tuber	Turmeric
200	Sugarcane	Sugarcane
300	Fruit Trees	Citrus
301	Fruit Trees	Almonds
302	Fruit Trees	Walnuts
303	Fruit Trees	Olives
304	Fruit Trees	Ceder Elm
305	Fruit Trees	Apples
306	Fruit Trees	Apricots
307	Fruit Trees	Cherries
308	Fruit Trees	Nectarines
309	Fruit Trees	Peaches
310	Fruit Trees	Plums
311	Fruit Trees	Prunes
312	Fruit Trees	Avocado
313	Fruit Trees	Kiwi
314	Fruit Trees	Pistachio
315	Fruit Trees	Pears
316	Fruit Trees	Pomegranate

Code	Crop class	Crop type
317	Fruit Trees	Figs
318	Fruit Trees	Carob
319	Fruit Trees	Lemon
320	Fruit Trees	Persimmon
321	Fruit Trees	Cacao
322	Fruit Trees	Hazelnut
323	Fruit Trees	Pecan Nut
324	Fruit Trees	Macadamia Nut
325	Fruit Trees	Tree Nursery
326	Fruit Trees	Guava
327	Fruit Trees	Mandarin
328	Fruit Trees	Argan
400	Tropical Fruit Trees	Banana
401	Tropical Fruit Trees	Date Palm
402	Tropical Fruit Trees	Coffee
403	Tropical Fruit Trees	Coconut
404	Tropical Fruit Trees	Pineapple
405	Tropical Fruit Trees	Rubber
406	Tropical Fruit Trees	Tea
407	Tropical Fruit Trees	Cantaloupe
408	Tropical Fruit Trees	Dragon Fruit
409	Tropical Fruit Trees	Oil Palm
410	Tropical Fruit Trees	Mango
411	Succulents	Agave
412	Tropical Fruit Trees	Papaya
413	Tropical Fruit Trees	Lychee
500	Vegetables	Onion
501	Vegetables	Lettuce
502	Vegetables	Broccoli
503	Vegetables	Cabbage
504	Vegetables	Carrots
505	Vegetables	Celery
506	Vegetables	Cauliflower
507	Vegetables	Garlic
508	Vegetables	Pepper
509	Vegetables	Spinach
510	Vegetables	Tomato
511	Vegetables	Eggplant
512	Vegetables	Cucumber
513	Vegetables	Melon
514	Vegetables	Strawberries
515	Vegetables	Lady Finger
516	Vegetables	Radish

Code	Crop class	Crop type
517	Vegetables	Fennel
518	Vegetables	Pumpkin
519	Vegetables	Asparagus
520	Vegetables	Chicory (Witlof)
521	Vegetables	Beetroot
522	Vegetables	Quinoa
523	Vegetables	Mint
524	Vegetables	Squash
525	Vegetables	Watermelon
526	Vegetables	Coriander
527	Vegetables	Leek
528	Vegetables	Basil
529	Vegetables	Zucchini
530	Vegetables	Prickly Pears
531	Vegetables	Parsley
532	Vegetables	Marjoram
533	Vegetables	Thyme
534	Vegetables	Spring Onion
535	Vegetables	Chili Pepper
536	Vegetables	Tomatillo
537	Vegetables	Dill
600	Grapes/Berries	Grapes Table
601	Grapes/Berries	Grapes Wine
602	Grapes/Berries	Blubberies
603	Grapes/Berries	Hops
604	Grapes/Berries	Raisins
605	Grapes/Berries	Blackberries
606	Grapes/Berries	Raspberries
607	Grapes/Berries	Red Berries
608	Grapes/Berries	Ashwagandha
609	Grapes/Berries	Cardamom
610	Grapes/Berries	Black Pepper
700	Oil Crops	Sunflower
701	Oil Crops	Rapeseed
702	Oil Crops	Cumin
703	Oil Crops	Mustard
800	Legumes	Green Beans
801	Legumes	Soybeans
802	Legumes	Peas
803	Legumes	Peanut
804	Legumes	Faba Beans
805	Legumes	Lentil
Code	Crop class	Crop type

806	Legumes	Fenugreek
807	Legumes	Chickpea
808	Legumes	Serradella
900	Fiber Crops	Cotton
901	Fiber Crops	Tobacco
902	Fiber Crops	Sesame
903	Fiber Crops	Hemp
1000	Forages	Alfalfa
1001	Forages	Pasture
1002	Forages	Turf Grass
1003	Forages	Sudan Grass
1004	Forages	Clover
1005	Forages	Forage radish
1006	Forages	Pasture
1007	Forages	Rhode grass
1008	Forages	Golf-greens
1009	Forages	Golf-Fairways
1010	Forages	Golf-Tees
1011	Forages	Golf-Roughs
1100	Flowers	Rose Geraniums
1101	Flowers	Tulip
1102	Flowers	Lely
1103	Flowers	Hyacint
1104	Flowers	Daffodil
1105	Flowers	Gladiolus
1106	Flowers	Peonies
1107	Flowers	Saffron
1108	Flowers	Muscari
1109	Flowers	Chionodoxa
2000	Other	Other
2001	Other	Fallow
2002	Other	Water
2003	Other	Forest
2004	Other	Urban
2005	Other	Desert plantation
2006	Other	Arak (Miswak)
2007	Other	Ghaf
2008	Other	Sidr (Jujube)

If your crop type is not on the list, please contact the Customer Support team (irriwatch@hyrodsat.com) to add your crop to the system.

Irrigation types in IrriWatch

Irrigation Code	Type of Irrigation	Desirable Storage (%)	Irrigation Interval (days)
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1	Drip'	0.3	1
2	'Sub-Surface Drip'	0.3	1
3	'Sprinkler'	0.35	2
4	'Centre Pivot'	0.35	1
5	'Traveling Gun'	0.7	4
6	furrow	0.85	4
7	'Basin'	0.85	4
8	'Border'	0.85	4
9	'Micro-Sprinklers'	0.4	1
10	'No Irrigation'	0	1
11	'Non-Irrigated'	0.3	1
12	'Dragon-line'	0.3	1
13	'Linear move'	0.35	1

If your irrigation type is not on the list, please contact the Customer Support team (irriwatch@hydrosat.com) to add your irrigation method to the system.

Soil types in IrriWatch

Code	Soil Type
1	Silty Clay
2	Silty clay loam
3	Silt
4	Clay
5	Silty loam
6	Clay loam
7	Medium loam
8	Sandy clay
9	Sandy clay loam
10	Sandy loam
11	Loamy sand
12	Sand