



Non-GMO Food Grade Soybean

IAS25HPHS1

Trait	Score
Maturity	2.5
Plant Type	Shorter
Plant Height	~30"
Emergence	NA
Standability	8
White Mold	7
Iron Chlorosis	4
Sudden Death (SDS)	7
Brown Stem Rot	NA
Soybean Cyst Nematode (SCN)	6
Phytophthora Root Rot (PRR)	2
Hilum Color	Yellow

Note: Disease data comes from specialized nurseries but may be limited in number of years or insufficient symptom expression

Summary of Trait data (2018-2023)

Year	IAS25HPHS1	IA2102
Yield (bu/ac)	57.5	59.0
Protein (dw)	41.7%	39.3%
100-Seed weight (gm)	19.7	16.0
Sucrose (%)	4.65	3.5
Raffinose (%)	0.5	0.6
Stachyose (%)	0.95	2.65

* Sugar data from 2020-2023

Performance Summary:

- ✓ Good yield
- ✓ High protein content (~42%)
- ✓ Higher sucrose, low raffinose and stachyose for better digestibility and nutritional value
- ✓ Larger seed size
- ✓ Excellent standability
- ✓ Good replacement option for food-grade usage looking for yellow hilum, high protein, higher sucrose and large seed size

Score Index	
8-9	Excellent
7	Very Good
6	Good
5	Average
3-4	Below Average
1-2	Poor

Commercial seed is available through select licensed distributors, and new distributors are welcome to apply.

Contact germplasm@iastate.edu or 515-294-5614 for seed; singhak@iastate.edu for more information on the variety.