

Presentation



- Arild Syversen
- Testing varieties 60 degrees north
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- Southslope, 9 degrees
- 500m from sea
- Double Guyot system
- 2,4 m between rows, 1,5 m between vines

Climate.

Mean temperature January and July, degrees north

	January	July	Degrees north
Asker	-4	16,5	60
Lillehammer	-9	15	61
Kristiansand	-1	16	58
Stavanger	1	14,5	59
Frosta	-1,5	13,5	63,5
Copenhagen	0	16,5	55,5
Riga	-5	17	57
Montreal	-12	19,5	45,5

Hasansky Sladki



- Breeder: A. Bous Russia
- 75% amurensis
- Small berries
- Small clusters
- High content of vitamin C
- Excellent juice
- Very good rosevine

Hasansky Sladki



- Earliest ripening of berries
- Winter hardy to -35 C
- Buds ripen very late in cool summers
- Much frost injury in the fall after a cold summer

Skandia



- Breeder Tom Plocher US, TP 2-1-37
- MN 1094 x ES 9-7-48
- Small berries
- Small clusters

Skandia



- Berries ripen very early
- Hardy to -35 C
- Best combination of earliness and hardiness
- Promising for red wine
- Upright growth

Solaris



- Freiburg institut, Germany
- Merzling x Gm 6493
- Small - medium berries
- Medium – big clusters

Solaris



- Berries ripen very early
- Hardiness to -20C ?
- High sugar content
- Excellent for white wine
- Noble rot or grey mould
- Upright growth

Smugljanka



- CGL 4 Potapenko and L Shtn
- Madeleine Angevine x amurensis
- Female variety
- Small -medium berries
- Small loose clusters

Smugljanka



- Early ripening
- Very hardy
- Good for red wine
- Productive
- Of interest for breeding

Comparison

Grape	Ripe (Date)	Oechsle Brix	Hardiness	Berry/ Cluster	Productivity	Growth	Wine
Hasansky Sladki	21/9	90 21,8	Hardy**	Small/ Small	Medium to Low	Vigorous	Rose
Skandia	25/9	90 21,8	Very hardy	Small/ Small	Medium to Low	Vigorous	Red*
Solaris	28/9	90 21,8	Medium**	Sm-Med/ Med-Big	High	Vigorous	Wh
Smuglanka	10/05**	80 19,4	Very hardy	Sm-Med/ Small	Medium	Vigorous	Red
Rondo	10/22**	75 18,2	Medium**	Med-Big/ Big	High	Vigorous	Red

Comparison Summary

Variety	Positives	Negatives
Liepajas Dzintars	Super early; good wood, high quality muscat	Less hardy than Zilga and HS; pistillate
Ciravas Agra	Super early; good wood, high quality muscat	Less hardy than Zilga and HS
Dovga	Super early; good wood, high quality	Less hardy than Zilga and HS
Hasanski Sladki	Super early; hardy	Productivity, difficult winemaking
Skandia	Super early; hardy	Productivity; riparia flavor
Solaris	Super early; productivity; good wine	Poor wood maturity(Norway)
Somerset	Super early; hardy; good flavor; seedless	Poor color development in some years
Zilga	Very Early; hardy; productive; big cluster	wine quality????
Smuglanka	Very Early; hardy; good wood	Pistillate; productivity
Guna	Early; large berry; good eating	Pistillate; color development
Crystal	Early-mid; productive; good hardiness to -29C	Somewhat late for very cool areas
Rondo	Early, large berry and cluster; good wine	A bit late ripening in many cool areas; only moderate hardiness
Orion	Early-mid, productive, good sparkling wine	Somewhat late for cool seasons; grey rot in wet years
Platovski	Early-mid ; Productive; good hardiness to -29C	Somewhat late for very cool areas
Cabernet Cortis	Mid-season; productive; good set in bad years; good tannin	Somewhat late (pale color)